

**UNITED STATES DISTRICT COURT
DISTRICT OF MASSACHUSETTS**

PEGASYSTEMS INC.,

Plaintiff/Counterclaim Defendant,

v.

APPIAN CORPORATION,

Defendant/Counterclaim Plaintiff,

and

BUSINESS PROCESS MANAGEMENT, INC.,

Defendant.

Case No. 19-cv-11461-PBS

**DECLARATION OF ADEEL A. MANGI IN SUPPORT OF APPIAN CORPORATION'S
OPPOSITION TO PEGASYSTEMS INC.'S MOTION FOR SUMMARY JUDGMENT**

I, Adeel A. Mangi, declare as follows:

1. I am a member in good standing of the bar of the State of New York and am admitted in this action *pro hac vice*. I am a member of Patterson Belknap Webb & Tyler LLP, counsel for Defendant/Counterclaim Plaintiff Appian Corporation ("Appian") in this action. I submit this declaration in support of Appian's Opposition to Plaintiff/Counterclaim Defendant Pegasystems Inc.'s ("Pegasystems") Motion for Summary Judgment. I have personal knowledge of the facts set forth herein.

2. Attached hereto as **Exhibit 1** is a true and correct copy of the document bearing beginning Bates number PEGA00000339 produced by Pegasystems in this case.

3. Attached hereto as **Exhibit 2** is a true and correct copy of excerpts from the transcript of the April 30, 2021 deposition of Malcolm Ross in this case.

4. Attached hereto as **Exhibit 3** is a true and correct copy of excerpts from the transcript of the December 14, 2021 deposition of Malcolm Ross, as a designee on behalf of Appian, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

5. Attached hereto as **Exhibit 4** is a true and correct copy of excerpts from the transcript of the December 16, 2021 deposition of Malcolm Ross, as a designee on behalf of Appian, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

6. Attached hereto as **Exhibit 5** is a true and correct copy of excerpts from the transcript of the March 16, 2022 deposition of Richard Marshall in this case.

7. Attached hereto as **Exhibit 6** is a true and correct copy of the Brian S. Sommer Expert Report in this case dated March 4, 2022.

8. Attached hereto as **Exhibit 7** is a true and correct copy of the document published in December 2019 with the title “Market Report: Analysis of Process Automation Investments and Total Cost of Ownership (TCO) – Appian, IBM, and Pega” and a preface from Appian (ECF 71-4).

9. Attached hereto as **Exhibit 8** is a true and correct copy of Appian’s Responses and Objections to Pegasystems’ First Set of Interrogatories, dated February 7, 2020.

10. Attached hereto as **Exhibit 9** is a true and correct copy of excerpts from the transcript of the June 18, 2021 deposition of Jennifer Troxell in this case.

11. Attached hereto as **Exhibit 10** is a true and correct copy of excerpts from the transcript of the December 6, 2021 deposition of Nathaniel Palmer, as a designee on behalf of BPM.com, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

12. Attached hereto as **Exhibit 11** is a true and correct copy of excerpts from the transcript of the April 27, 2021 deposition of Arturo Oliver in this case.

13. Attached hereto as **Exhibit 12** is a true and correct copy of excerpts from the transcript of the December 17, 2021 deposition of Kevin Spurway in this case.

14. Attached hereto as **Exhibit 13** is a true and correct copy of the document bearing beginning Bates number PEGA00002063 produced by Pegasystems in this case.

15. Attached hereto as **Exhibit 14** is a true and correct copy of the document bearing beginning Bates number APPN00000478 produced by Appian in this case.

16. Attached hereto as **Exhibit 15** is a true and correct copy of the document bearing beginning Bates number APPN00010717 produced by Appian in this case.

17. Attached hereto as **Exhibit 16** is a true and correct copy of the document bearing beginning Bates number PEGA00070911 produced by Pegasystems in this case.

18. Attached hereto as **Exhibit 17** is a true and correct copy of the document bearing beginning Bates number PEGA00000250 produced by Pegasystems in this case.

19. Attached hereto as **Exhibit 18** is a true and correct copy of Defendant, Business Process Management, Inc.'s ("BPM.com") Responses and Objections to Pegasystems' Fourth Set of Interrogatories dated October 25, 2021.

20. Attached hereto as **Exhibit 19** is a true and correct copy of excerpts from the transcript of the May 21, 2021 deposition of Cathryn Siemer in this case.

21. Attached hereto as **Exhibit 20** is a true and correct copy of excerpts from the transcript of the March 30, 2022 deposition of Keri Pearson in this case.

22. Attached hereto as **Exhibit 21** is a true and correct copy of the document bearing beginning Bates number APPN00001550 produced by Appian in this case.

23. Attached hereto as **Exhibit 22** is a true and correct copy of the document bearing beginning Bates number APPN00001552 produced by Appian in this case.

24. Attached hereto as **Exhibit 23** is a true and correct copy of the document bearing beginning Bates number APPN00004424 produced by Appian in this case.

25. Attached hereto as **Exhibit 24** is a true and correct copy of BPM.com's Responses and Objections to Pegasystems' Second Set of Requests for Admission dated October 25, 2021.

26. Attached hereto as **Exhibit 25** is a true and correct copy of the document bearing beginning Bates number PEGA00000045 produced by Pegasystems in this case.

27. Attached hereto as **Exhibit 26** is a true and correct copy of Appian's Responses and Objections to Pegasystems' Second Set of Requests for Admission dated October 25, 2021.

28. Attached hereto as **Exhibit 27** is a true and correct copy of the document bearing beginning Bates number APPN00006735 produced by Appian in this case.

29. Attached hereto as **Exhibit 28** is a true and correct copy of the document bearing beginning Bates number APPN00018540 produced by Appian in this case.

30. Attached hereto as **Exhibit 29** is a true and correct copy of the document bearing beginning Bates number PEGA00002746 produced by Pegasystems in this case.

31. Attached hereto as **Exhibit 30** is a true and correct copy Pegasystems' Responses and Objections to Appian's Fourth Set of Interrogatories, dated January 29, 2021.

32. Attached hereto as **Exhibit 31** is a true and correct copy of excerpts from the transcript of the December 16, 2021 deposition of Desmond Conte, as a designee on behalf of Pegasystems, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

33. Attached hereto as **Exhibit 32** is a true and correct copy of the document bearing beginning Bates number PEGA00100020 produced by Pegasystems in this case.

34. Attached hereto as **Exhibit 33** is a true and correct copy of excerpts from the transcript of the December 17, 2021 deposition of Donald Schuerman, as a designee on behalf of Pegasystems, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

35. Attached hereto as **Exhibit 34** is a true and correct copy of Appian's Second Amended Notice of Deposition Pursuant to Rule 30(b)(6) of Pegasystems, Inc. dated November 18, 2021.

36. Attached hereto as **Exhibit 35** is a true and correct copy of the document bearing beginning Bates number PEGA00100370 produced by Pegasystems in this case.

37. Attached hereto as **Exhibit 36** is a true and correct copy of excerpts from the transcript of the July 1, 2021 deposition of John Petronio in this case.

38. Attached hereto as **Exhibit 37** is a true and correct copy of the document bearing beginning Bates number PEGA00006605 produced by Pegasystems in this case.

39. Attached hereto as **Exhibit 38** is a true and correct copy of the document bearing Bates numbers BALDWIN000128-130 produced in this case.

40. Attached hereto as **Exhibit 39** is a true and correct copy of the document bearing Bates numbers BALDWIN000099-110 produced in this case.

41. Attached hereto as **Exhibit 40** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00010742 produced in this case.

42. Attached hereto as **Exhibit 41** is a true and correct copy of Pegasystems' Responses and Objections to Appian's Third Set of Interrogatories, dated October 30, 2020.

43. Attached hereto as **Exhibit 42** is a true and correct copy of excerpts from the transcript of the April 14, 2021 deposition of Douglas Kim in this case.

44. Attached hereto as **Exhibit 43** is a true and correct copy of the document bearing beginning Bates number PEGA00007045 produced by Pegasystems in this case.

45. Attached hereto as **Exhibit 44** is a true and correct copy of excerpts from the transcript of the March 25, 2022 deposition of Brian S. Sommer in this case.

46. Attached hereto as **Exhibit 45** is a true and correct copy of the document bearing beginning Bates number ZOU-002923 produced in this case.

47. Attached hereto as **Exhibit 46** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00006397 produced in this case.

48. Attached hereto as **Exhibit 47** is a true and correct copy of the document bearing beginning Bates number PEGA00007109 produced by Pegasystems in this case.

49. Attached hereto as **Exhibit 48** is a true and correct copy of the document bearing beginning Bates number PEGA00098803 produced by Pegasystems in this case.

50. Attached hereto as **Exhibit 49** is a true and correct copy of the document bearing beginning Bates number PEGA00007115 produced by Pegasystems in this case.

51. Attached hereto as **Exhibit 50** is a true and correct copy of excerpts from the transcript of the May 20, 2021 deposition of Jim Sinur in this case.

52. Attached hereto as **Exhibit 51** is a true and correct copy of the document bearing beginning Bates number APPN00005923 produced by Appian in this case.

53. Attached hereto as **Exhibit 52** is a true and correct copy of the document bearing beginning Bates number APPN00019710 produced by Appian in this case.

54. Attached hereto as **Exhibit 53** is a true and correct copy of the document bearing beginning Bates number APPN00022263 produced by Appian in this case.

55. Attached hereto as **Exhibit 54** is a true and correct copy of the document bearing beginning Bates number APPN00020283 produced by Appian in this case.

56. Attached hereto as **Exhibit 55** is a true and correct copy of the document bearing beginning Bates number APPN00019981 produced by Appian in this case.

57. Attached hereto as **Exhibit 56** is a true and correct copy of Appian's Responses and Objections to Pegasystems' Fourth Set of Interrogatories, dated October 25, 2021.

58. Attached hereto as **Exhibit 57** is a true and correct copy of the document bearing beginning Bates number APPN00020966 produced by Appian in this case.

59. Attached hereto as **Exhibit 58** is a true and correct copy of the document bearing beginning Bates number APPN00018577 produced by Appian in this case.

60. Attached hereto as **Exhibit 59** is a true and correct copy of the document bearing beginning Bates number APPN00019112 produced by Appian in this case.

61. Attached hereto as **Exhibit 60** is a true and correct copy of the document bearing beginning Bates number PEGA00002901 produced by Pegasystems in this case.

62. Attached hereto as **Exhibit 61** is a true and correct copy of the document bearing beginning Bates number PEGA00105917 produced by Pegasystems in this case.

63. Attached hereto as **Exhibit 62** is a true and correct copy of the document bearing beginning Bates number PEGA00105950 produced by Pegasystems in this case.

64. Attached hereto as **Exhibit 63** is a true and correct copy of the document bearing beginning Bates number APPN00005503 produced by Appian in this case.

65. Attached hereto as **Exhibit 64** is a true and correct copy of the document bearing beginning Bates number APPN00005504 produced by Appian in this case.

66. Attached hereto as **Exhibit 65** is a true and correct copy of the document bearing beginning Bates number PEGA00108905 produced by Pegasystems in this case.

67. Attached hereto as **Exhibit 66** is a true and correct copy of excerpts from the transcript of the December 17, 2021 deposition of Christopher Thorpe in this case.

68. Attached hereto as **Exhibit 67** is a true and correct copy of Exhibit 3 from the December 17, 2021 deposition of Christopher Thorpe in this case.

69. Attached hereto as **Exhibit 68** is a true and correct copy of the document bearing beginning Bates number APPN00128073 produced by Appian in this case.

70. Attached hereto as **Exhibit 69** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00005328 produced in this case.

71. Attached hereto as **Exhibit 70** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00003916 produced in this case.

72. Attached hereto as **Exhibit 71** is a true and correct copy of the document published by Jim Sinur titled “Appian and Pegasystems – Head to Head Comparison” dated February 24, 2014 (ECF 71-1).

73. Attached hereto as **Exhibit 72** is a true and correct copy of the document bearing beginning Bates number APPN00011623 produced by Appian in this case.

74. Attached hereto as **Exhibit 73** is a true and correct copy of the document bearing beginning Bates number PEGA00104824 produced by Pegasystems in this case.

75. Attached hereto as **Exhibit 74** is a true and correct copy of the document bearing beginning Bates number GNW0136 produced in this case.

76. Attached hereto as **Exhibit 75** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00012069 produced in this case.

77. Attached hereto as **Exhibit 76** is a true and correct copy of the document bearing beginning Bates number PEGA00099501 produced by Pegasystems in this case.

78. Attached hereto as **Exhibit 77** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00007905 produced in this case.

79. Attached hereto as **Exhibit 78** is a true and correct copy of the document bearing beginning Bates number PEGA00106473 produced by Pegasystems in this case.

80. Attached hereto as **Exhibit 79** is a true and correct copy of the document bearing beginning Bates number PEGA00100459 produced by Pegasystems in this case.

81. Attached hereto as **Exhibit 80** is a true and correct copy of the document bearing beginning Bates number PEGA00101691 produced by Pegasystems in this case.

82. Attached hereto as **Exhibit 81** is a true and correct copy of the document bearing beginning Bates number PEGA00098778 produced by Pegasystems in this case.

83. Attached hereto as **Exhibit 82** is a true and correct copy of the document bearing beginning Bates number APPN00127660 produced by Appian in this case.

84. Attached hereto as **Exhibit 83** is a true and correct copy of the document bearing beginning Bates number APPN00001726 produced by Appian in this case.

85. Attached hereto as **Exhibit 84** is a true and correct copy of the document bearing beginning Bates number APPN00021041 produced by Appian in this case.

86. Attached hereto as **Exhibit 85** is a true and correct copy of the document bearing beginning Bates number PEGA00002936 produced by Pegasystems in this case.

87. Attached hereto as **Exhibit 86** is a true and correct copy of the document bearing beginning Bates number PEGA00064601 produced by Pegasystems in this case.

88. Attached hereto as **Exhibit 87** is a true and correct copy of excerpts from the transcript of the December 15, 2021 deposition of Michael Caton in this case.

89. Attached hereto as **Exhibit 88** is a true and correct copy of Exhibit 14 from the March 25, 2022 deposition of Brian S. Sommer in this case.

90. Attached hereto as **Exhibit 89** is a true and correct copy of the document bearing beginning Bates number APPN00022964 produced by Appian in this case.

91. Attached hereto as **Exhibit 90** is a true and correct copy of the document bearing beginning Bates number PEGA00110339 produced by Pegasystems in this case.

92. Attached hereto as **Exhibit 91** is a true and correct copy of excerpts from the transcript of the December 13, 2021 deposition of John Petronio in this case.

93. Attached hereto as **Exhibit 92** is a true and correct copy of the document bearing beginning Bates number PEGA00100367 produced by Pegasystems in this case.

94. Attached hereto as **Exhibit 93** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00006967 produced in this case.

95. Attached hereto as **Exhibit 94** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00006523 produced in this case.

96. Attached hereto as **Exhibit 95** is a true and correct copy of the document bearing beginning Bates number APPN00122798 produced by Appian in this case.

97. Attached hereto as **Exhibit 96** is a true and correct copy of the document bearing beginning Bates number APPN00122807 produced by Appian in this case.

98. Attached hereto as **Exhibit 97** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00003911 produced in this case.

99. Attached hereto as **Exhibit 98** is a true and correct copy of the document bearing beginning Bates number APPN00005646 produced by Appian in this case.

100. Attached hereto as **Exhibit 99** is a true and correct copy of the document bearing beginning Bates number APPN00122654 produced by Appian in this case.

101. Attached hereto as **Exhibit 100** is a true and correct copy of the document bearing beginning Bates number APPN00088096 produced by Appian in this case.

102. Attached hereto as **Exhibit 101** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00002837 produced in this case.

103. Attached hereto as **Exhibit 102** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00015489 produced in this case.

104. Attached hereto as **Exhibit 103** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00015491 produced in this case.

105. Attached hereto as **Exhibit 104** is a true and correct copy of the document bearing beginning Bates number APPN00120057 produced by Appian in this case.

106. Attached hereto as **Exhibit 105** is a true and correct copy of the document bearing beginning Bates number PEGA00004360 produced by Pegasystems in this case.

107. Attached hereto as **Exhibit 106** is a true and correct copy of the document bearing beginning Bates number APPN00124629 produced by Appian in this case.

108. Attached hereto as **Exhibit 107** is a true and correct copy of the document bearing beginning Bates number PEGA00098869 produced by Pegasystems in this case.

109. Attached hereto as **Exhibit 108** is a true and correct copy of the document bearing beginning Bates number PEGA00098875 produced by Pegasystems in this case.

110. Attached hereto as **Exhibit 109** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00013176 produced in this case.

111. Attached hereto as **Exhibit 110** is a true and correct copy of excerpts from the transcript of the December 14, 2021 deposition of Trenton Buff in this case.

112. Attached hereto as **Exhibit 111** is a true and correct copy of the document bearing beginning Bates number APPN00122825 produced by Appian in this case.

113. Attached hereto as **Exhibit 112** is a true and correct copy of the document bearing beginning Bates number APPN00128015 produced by Appian in this case.

114. Attached hereto as **Exhibit 113** is a true and correct copy of the document bearing beginning Bates number APPN00123024 produced by Appian in this case.

115. Attached hereto as **Exhibit 114** is a true and correct copy of the document bearing beginning Bates number ZOU-000801 produced in this case.

116. Attached hereto as **Exhibit 115** is a true and correct copy of the document bearing beginning Bates number APPN00122924 produced by Appian in this case.

117. Attached hereto as **Exhibit 116** is a true and correct copy of the document bearing beginning Bates number PEGA00095446 produced by Pegasystems in this case.

118. Attached hereto as **Exhibit 117** is a true and correct copy of the document bearing beginning Bates number APPN00016614 produced by Appian in this case.

119. Attached hereto as **Exhibit 118** is a true and correct copy of the document bearing beginning Bates number PEGA00006597 produced by Pegasystems in this case.

120. Attached hereto as **Exhibit 119** is a true and correct copy of the document bearing beginning Bates number PEGA00090364 produced by Pegasystems in this case.

121. Attached hereto as **Exhibit 120** is a true and correct copy of the document bearing beginning Bates number PEGA00005437 produced by Pegasystems in this case.

122. Attached hereto as **Exhibit 121** is a true and correct copy of the document bearing beginning Bates number PEGA00005428 produced by Pegasystems in this case.

123. Attached hereto as **Exhibit 122** is a true and correct copy of the document bearing beginning Bates number APPN00050470 produced by Appian in this case.

124. Attached hereto as **Exhibit 123** is a true and correct copy of the document bearing beginning Bates number APPN00019512 produced by Appian in this case.

125. Attached hereto as **Exhibit 124** is a true and correct copy of the document bearing beginning Bates number APPN00122165 produced by Appian in this case.

126. Attached hereto as **Exhibit 125** is a true and correct copy of the document bearing beginning Bates number APPN00016062 produced by Appian in this case.

127. Attached hereto as **Exhibit 126** is a true and correct copy of the document bearing beginning Bates number PEGA00073777 produced by Pegasystems in this case.

128. Attached hereto as **Exhibit 127** is a true and correct copy of the document bearing beginning Bates number PEGA00092161 produced by Pegasystems in this case.

129. Attached hereto as **Exhibit 128** is a true and correct copy of excerpts from the transcript of the December 8, 2021 deposition of Ryan Gates in this case.

130. Attached hereto as **Exhibit 129** is a true and correct copy of the document bearing beginning Bates number PEGA00083029 produced by Pegasystems in this case.

131. Attached hereto as **Exhibit 130** is a true and correct copy of the document bearing beginning Bates number APPN00020282 produced by Appian in this case.

132. Attached hereto as **Exhibit 131** is a true and correct copy of the document bearing beginning Bates number GNW0017 produced in this case.

133. Attached hereto as **Exhibit 132** is a true and correct copy of the document bearing beginning Bates number PEGA00008667 produced by Pegasystems in this case.

134. Attached hereto as **Exhibit 133** is a true and correct copy of the document bearing beginning Bates number PEGA00083305 produced by Pegasystems in this case.

135. Attached hereto as **Exhibit 134** is a true and correct copy of the document bearing beginning Bates number PEGA00011359 produced by Pegasystems in this case.

136. Attached hereto as **Exhibit 135** is a true and correct copy of the document bearing beginning Bates number PEGA00011489 produced by Pegasystems in this case.

137. Attached hereto as **Exhibit 136** is a true and correct copy of the document bearing beginning Bates number PEGA00083042 produced by Pegasystems in this case.

138. Attached hereto as **Exhibit 137** is a true and correct copy of excerpts from the transcript of the April 21, 2021 deposition of Thomas Libretto in this case.

139. Attached hereto as **Exhibit 138** is a true and correct copy of the document bearing beginning Bates number PEGA00001726 produced by Pegasystems in this case.

140. Attached hereto as **Exhibit 139** is a true and correct copy of the document bearing beginning Bates number PEGA00001796 produced by Pegasystems in this case.

141. Attached hereto as **Exhibit 140** is a true and correct copy of the document bearing beginning Bates number PEGA00001763 produced by Pegasystems in this case.

142. Attached hereto as **Exhibit 141** is a true and correct copy of the document bearing beginning Bates number PEGA00070868 produced by Pegasystems in this case.

143. Attached hereto as **Exhibit 142** is a true and correct copy of the document bearing beginning Bates number PEGA00001750 produced by Pegasystems in this case.

144. Attached hereto as **Exhibit 143** is a true and correct copy of the document bearing beginning Bates number PEGA00070337 produced by Pegasystems in this case.

145. Attached hereto as **Exhibit 144** is a true and correct copy of the document bearing beginning Bates number PEGA00070819 produced by Pegasystems in this case.

146. Attached hereto as **Exhibit 145** is a true and correct copy of the document bearing beginning Bates number PEGA00069954 produced by Pegasystems in this case.

147. Attached hereto as **Exhibit 146** is a true and correct copy of the document bearing beginning Bates number PEGA00070749 produced by Pegasystems in this case.

148. Attached hereto as **Exhibit 147** is a true and correct copy of the document bearing beginning Bates number PEGA00070834 produced by Pegasystems in this case.

149. Attached hereto as **Exhibit 148** is a true and correct copy of the document bearing beginning Bates number LINK00000001 produced in this case.

150. Attached hereto as **Exhibit 149** is a true and correct copy of the document bearing beginning Bates number LINK00000002 produced in this case.

151. Attached hereto as **Exhibit 150** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00006400 produced in this case.

152. Attached hereto as **Exhibit 151** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00007662 produced in this case.

153. Attached hereto as **Exhibit 152** is a true and correct copy of the document bearing beginning Bates number PEGA00002789 produced by Pegasystems in this case.

154. Attached hereto as **Exhibit 153** is a true and correct copy of the document bearing beginning Bates number PEGA00099010 produced by Pegasystems in this case.

155. Attached hereto as **Exhibit 154** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00013080 produced in this case.

156. Attached hereto as **Exhibit 155** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00013081 produced in this case.

157. Attached hereto as **Exhibit 156** is a true and correct copy of the document bearing beginning Bates number PEGA00098925 produced by Pegasystems in this case.

158. Attached hereto as **Exhibit 157** is a true and correct copy of excerpts from the transcript of the June 15, 2021 deposition of Leon Trefler in this case.

159. Attached hereto as **Exhibit 158** is a true and correct copy of the document bearing beginning Bates number PEGA00006507 produced by Pegasystems in this case.

160. Attached hereto as **Exhibit 159** is a true and correct copy of the document bearing beginning Bates number PEGA00002866 produced by Pegasystems in this case.

161. Attached hereto as **Exhibit 160** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00004080 produced in this case.

162. Attached hereto as **Exhibit 161** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00005554 produced in this case.

163. Attached hereto as **Exhibit 162** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00012612 produced in this case.

164. Attached hereto as **Exhibit 163** is a true and correct copy of the document bearing beginning Bates number PEGA00009781 produced by Pegasystems in this case.

165. Attached hereto as **Exhibit 164** is a true and correct copy of the document bearing beginning Bates number PEGA00098904 produced by Pegasystems in this case.

166. Attached hereto as **Exhibit 165** is a true and correct copy of the document bearing beginning Bates number PEGA00098913 produced by Pegasystems in this case.

167. Attached hereto as **Exhibit 166** is a true and correct copy of the document bearing beginning Bates number PEGA00104281 produced by Pegasystems in this case.

168. Attached hereto as **Exhibit 167** is a true and correct copy of the document bearing beginning Bates number PEGA00100388 produced by Pegasystems in this case.

169. Attached hereto as **Exhibit 168** is a true and correct copy of the document bearing beginning Bates number PEGA00100383 produced by Pegasystems in this case.

170. Attached hereto as **Exhibit 169** is a true and correct copy of the document bearing beginning Bates number PEGA00098986 produced by Pegasystems in this case.

171. Attached hereto as **Exhibit 170** is a true and correct copy of the document bearing beginning Bates number PEGA00104310 produced by Pegasystems in this case.

172. Attached hereto as **Exhibit 171** is a true and correct copy of the document bearing beginning Bates number PEGA00103882 produced by Pegasystems in this case.

173. Attached hereto as **Exhibit 172** is a true and correct copy of the document bearing beginning Bates number PEGA00104194 produced by Pegasystems in this case.

174. Attached hereto as **Exhibit 173** is a true and correct copy of the document bearing beginning Bates number PEGA00098978 produced by Pegasystems in this case.

175. Attached hereto as **Exhibit 174** is a true and correct copy of the document bearing beginning Bates number PEGA00100389 produced by Pegasystems in this case.

176. Attached hereto as **Exhibit 175** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00012067 produced in this case.

177. Attached hereto as **Exhibit 176** is a true and correct copy of the document bearing beginning Bates number PEGA00104868 produced by Pegasystems in this case.

178. Attached hereto as **Exhibit 177** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00010587 produced in this case.

179. Attached hereto as **Exhibit 178** is a true and correct copy of excerpts from the transcript of the June 2, 2021 deposition of Matthew Adams in this case.

180. Attached hereto as **Exhibit 179** is a true and correct copy of the document bearing beginning Bates number PEGA00099088 produced by Pegasystems in this case.

181. Attached hereto as **Exhibit 180** is a true and correct copy of the document bearing beginning Bates number PEGA00106178 produced by Pegasystems in this case.

182. Attached hereto as **Exhibit 181** is a true and correct copy of the document bearing beginning Bates number PEGA00106501 produced by Pegasystems in this case.

183. Attached hereto as **Exhibit 182** is a true and correct copy of the document bearing beginning Bates number PEGA00106751 produced by Pegasystems in this case.

184. Attached hereto as **Exhibit 183** is a true and correct copy of the document bearing beginning Bates number PEGA00100324 produced by Pegasystems in this case.

185. Attached hereto as **Exhibit 184** is a true and correct copy of the document bearing beginning Bates number PEGA00101361 produced by Pegasystems in this case.

186. Attached hereto as **Exhibit 185** is a true and correct copy of the document bearing beginning Bates number PEGA00006583 produced by Pegasystems in this case.

187. Attached hereto as **Exhibit 186** is a true and correct copy of the document bearing beginning Bates number PEGA00006526 produced by Pegasystems in this case.

188. Attached hereto as **Exhibit 187** is a true and correct copy of the document bearing beginning Bates number PEGA00006631 produced by Pegasystems in this case.

189. Attached hereto as **Exhibit 188** is a true and correct copy of excerpts from the transcript of the May 12, 2021 deposition of Robert Spencer in this case.

190. Attached hereto as **Exhibit 189** is a true and correct copy of the document bearing beginning Bates number PEGA00006579 produced by Pegasystems in this case.

191. Attached hereto as **Exhibit 190** is a true and correct copy of the document bearing beginning Bates number PEGA00094960 produced by Pegasystems in this case.

192. Attached hereto as **Exhibit 191** is a true and correct copy of the document bearing beginning Bates number PEGA00094944 produced by Pegasystems in this case.

193. Attached hereto as **Exhibit 192** is a true and correct copy of the document bearing beginning Bates number PEGA00006570 produced by Pegasystems in this case.

194. Attached hereto as **Exhibit 193** is a true and correct copy of the document bearing beginning Bates number PEGA00007205 produced by Pegasystems in this case.

195. Attached hereto as **Exhibit 194** is a true and correct copy of the document bearing beginning Bates number PEGA00006511 produced by Pegasystems in this case.

196. Attached hereto as **Exhibit 195** is a true and correct copy of the document bearing beginning Bates number PEGA00010924 produced by Pegasystems in this case.

197. Attached hereto as **Exhibit 196** is a true and correct copy of the document bearing beginning Bates number PEGA00094940 produced by Pegasystems in this case.

198. Attached hereto as **Exhibit 197** is a true and correct copy of the document bearing beginning Bates number PEGA00006759 produced by Pegasystems in this case.

199. Attached hereto as **Exhibit 198** is a true and correct copy of the document bearing beginning Bates number PEGA00007217 produced by Pegasystems in this case.

200. Attached hereto as **Exhibit 199** is a true and correct copy of the document bearing beginning Bates number PEGA00006968 produced by Pegasystems in this case.

201. Attached hereto as **Exhibit 200** is a true and correct copy of the document bearing beginning Bates number PEGA00007043 produced by Pegasystems in this case.

202. Attached hereto as **Exhibit 201** is a true and correct copy of the document bearing beginning Bates number PEGA00006814 produced by Pegasystems in this case.

203. Attached hereto as **Exhibit 202** is a true and correct copy of the document bearing beginning Bates number PEGA00006841 produced by Pegasystems in this case.

204. Attached hereto as **Exhibit 203** is a true and correct copy of the document bearing beginning Bates number PEGA00006846 produced by Pegasystems in this case.

205. Attached hereto as **Exhibit 204** is a true and correct copy of the document bearing beginning Bates number PEGA00094971 produced by Pegasystems in this case.

206. Attached hereto as **Exhibit 205** is a true and correct copy of the document bearing beginning Bates number PEGA00094810 produced by Pegasystems in this case.

207. Attached hereto as **Exhibit 206** is a true and correct copy of the document bearing beginning Bates number PEGA00005158 produced by Pegasystems in this case.

208. Attached hereto as **Exhibit 207** is a true and correct copy of the document bearing beginning Bates number PEGA00000012 produced by Pegasystems in this case.

209. Attached hereto as **Exhibit 208** is a true and correct copy of the document bearing beginning Bates number PEGA00004950 produced by Pegasystems in this case.

210. Attached hereto as **Exhibit 209** is a true and correct copy of the document bearing beginning Bates number PEGA00003797 produced by Pegasystems in this case.

211. Attached hereto as **Exhibit 210** is a true and correct copy of the document bearing beginning Bates number PEGA00064398 produced by Pegasystems in this case.

212. Attached hereto as **Exhibit 211** is a true and correct copy of the document bearing beginning Bates number PEGA00003475 produced by Pegasystems in this case.

213. Attached hereto as **Exhibit 212** is a true and correct copy of the document bearing beginning Bates number PEGA00003154 produced by Pegasystems in this case.

214. Attached hereto as **Exhibit 213** is a true and correct copy of the document bearing beginning Bates number PEGA00002924 produced by Pegasystems in this case.

215. Attached hereto as **Exhibit 214** is a true and correct copy of the document bearing beginning Bates number PEGA00003715 produced by Pegasystems in this case.

216. Attached hereto as **Exhibit 215** is a true and correct copy of the document bearing beginning Bates number PEGA00105294 produced by Pegasystems in this case.

217. Attached hereto as **Exhibit 216** is a true and correct copy of the document bearing beginning Bates number PEGA00008845 produced by Pegasystems in this case.

218. Attached hereto as **Exhibit 217** is a true and correct copy of the document bearing beginning Bates number PEGA00005702 produced by Pegasystems in this case.

219. Attached hereto as **Exhibit 218** is a true and correct copy of the document bearing beginning Bates number PEGA00008668 produced by Pegasystems in this case.

220. Attached hereto as **Exhibit 219** is a true and correct copy of the document bearing beginning Bates number PEGA00085280 produced by Pegasystems in this case.

221. Attached hereto as **Exhibit 220** is a true and correct copy of the document bearing beginning Bates number PEGA00011295 produced by Pegasystems in this case.

222. Attached hereto as **Exhibit 221** is a true and correct copy of the document bearing beginning Bates number PEGA00083288 produced by Pegasystems in this case.

223. Attached hereto as **Exhibit 222** is a true and correct copy of the document bearing beginning Bates number PEGA00007001 produced by Pegasystems in this case.

224. Attached hereto as **Exhibit 223** is a true and correct copy of Exhibit 3 from the March 30, 2022 deposition of Keri Pearson in this case.

225. Attached hereto as **Exhibit 224** is a true and correct copy of the document bearing beginning Bates number APPN00020749 produced by Appian in this case.

226. Attached hereto as **Exhibit 225** is a true and correct copy of the document bearing beginning Bates number APPN00058019 produced by Appian in this case.

227. Attached hereto as **Exhibit 226** is a true and correct copy of the document bearing beginning Bates number PEGA00100416 produced by Pegasystems in this case.

228. Attached hereto as **Exhibit 227** is a true and correct copy of the document bearing beginning Bates number ZOU-000741 produced in this case.

229. Attached hereto as **Exhibit 228** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00000912 produced in this case.

230. Attached hereto as **Exhibit 229** is a true and correct copy of Exhibit 15 from the March 25, 2022 deposition of Brian S. Sommer in this case.

231. Attached hereto as **Exhibit 230** is a true and correct copy of the document bearing beginning Bates number APPN00122824 produced by Appian in this case.

232. Attached hereto as **Exhibit 231** is a true and correct copy of the document bearing beginning Bates number APPN00012427 produced by Appian in this case.

233. Attached hereto as **Exhibit 232** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00012985 produced in this case.

234. Attached hereto as **Exhibit 233** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00012990 produced in this case.

235. Attached hereto as **Exhibit 234** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00007008 produced in this case.

236. Attached hereto as **Exhibit 235** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00007009 produced in this case.

237. Attached hereto as **Exhibit 236** is a true and correct copy of the document bearing beginning Bates number APPN00124613 produced by Appian in this case.

238. Attached hereto as **Exhibit 237** is a true and correct copy of the document bearing beginning Bates number APPN00124617 produced by Appian in this case.

239. Attached hereto as **Exhibit 238** is a true and correct copy of Exhibit 7 from the March 25, 2022 deposition of Brian S. Sommer in this case.

240. Attached hereto as **Exhibit 239** is a true and correct copy of the document bearing beginning Bates number APPN00122309 produced by Appian in this case.

241. Attached hereto as **Exhibit 240** is a true and correct copy of the document bearing beginning Bates number APPN00122382 produced by Appian in this case.

242. Attached hereto as **Exhibit 241** is a true and correct copy of the document bearing beginning Bates number APPN00122586 produced by Appian in this case.

243. Attached hereto as **Exhibit 242** is a true and correct copy of the document bearing beginning Bates number APPN00061998 produced by Appian in this case.

244. Attached hereto as **Exhibit 243** is a true and correct copy of the document bearing beginning Bates number APPN00025003 produced by Appian in this case.

245. Attached hereto as **Exhibit 244** is a true and correct copy of the document bearing beginning Bates number APPN00122583 produced by Appian in this case.

246. Attached hereto as **Exhibit 245** is a true and correct copy of Exhibit 8 from the March 25, 2022 deposition of Brian S. Sommer in this case.

247. Attached hereto as **Exhibit 246** is a true and correct copy of the document bearing beginning Bates number APPN00128403 produced by Appian in this case.

248. Attached hereto as **Exhibit 247** is a true and correct copy of excerpts from the transcript of the November 23, 2021 deposition of Patrick Dwyer in this case.

249. Attached hereto as **Exhibit 248** is a true and correct copy of the document bearing beginning Bates number APPN00020885 produced by Appian in this case.

250. Attached hereto as **Exhibit 249** is a true and correct copy of the document bearing beginning Bates number APPN00006223 produced by Appian in this case.

251. Attached hereto as **Exhibit 250** is a true and correct copy of Appian's First Amended Response to Pegasystems' Fourth Set of Interrogatories, dated December 8, 2021.

252. Attached hereto as **Exhibit 251** is a true and correct copy of the document bearing beginning Bates number APPN00124634 produced by Appian in this case.

253. Attached hereto as **Exhibit 252** is a true and correct copy of the document bearing beginning Bates number PEGA00104816 produced by Pegasystems in this case.

254. Attached hereto as **Exhibit 253** is a true and correct copy of the document bearing beginning Bates number APPN00122993 produced by Appian in this case.

255. Attached hereto as **Exhibit 254** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00005739 produced in this case.

256. Attached hereto as **Exhibit 255** is a true and correct copy of the document bearing beginning Bates number PEGA00098980 produced by Pegasystems in this case.

257. Attached hereto as **Exhibit 256** is a true and correct copy of the document bearing beginning Bates number PEGA00105114 produced by Pegasystems in this case.

258. Attached hereto as **Exhibit 257** is a true and correct copy of the document bearing beginning Bates number PEGA00085483 produced by Pegasystems in this case.

259. Attached hereto as **Exhibit 258** is a true and correct copy of the document bearing beginning Bates number APPN00128475 produced by Appian in this case.

260. Attached hereto as **Exhibit 259** is a true and correct copy of the document bearing beginning Bates number APPN00016607 produced by Appian in this case.

261. Attached hereto as **Exhibit 260** is a true and correct copy of the document bearing beginning Bates number APPN00015564 produced by Appian in this case.

262. Attached hereto as **Exhibit 261** is a true and correct copy of the document bearing beginning Bates number PEGA00100436 produced by Pegasystems in this case.

263. Attached hereto as **Exhibit 262** is a true and correct copy of the document bearing beginning Bates number PEGA00006546 produced by Pegasystems in this case.

264. Attached hereto as **Exhibit 263** is a true and correct copy of the document bearing beginning Bates number PEGA00010978 produced by Pegasystems in this case.

265. Attached hereto as **Exhibit 264** is a true and correct copy of the document bearing beginning Bates number PEGA00094921 produced by Pegasystems in this case.

266. Attached hereto as **Exhibit 265** is a true and correct copy of the document bearing beginning Bates number PEGA00094804 produced by Pegasystems in this case.

267. Attached hereto as **Exhibit 266** is a true and correct copy of the document bearing beginning Bates number PEGA00002707 produced by Pegasystems in this case.

268. Attached hereto as **Exhibit 267** is a true and correct copy of the document bearing beginning Bates number PEGA00007129 produced by Pegasystems in this case.

269. Attached hereto as **Exhibit 268** is a true and correct copy of the document bearing beginning Bates number APPN00005527 produced by Appian in this case.

270. Attached hereto as **Exhibit 269** is a true and correct copy of the document bearing beginning Bates number PEGA00098712 produced by Pegasystems in this case.

271. Attached hereto as **Exhibit 270** is a true and correct copy of the document bearing beginning Bates number PEGA00106827 produced by Pegasystems in this case.

272. Attached hereto as **Exhibit 271** is a true and correct copy of the document bearing beginning Bates number PEGA00106884 produced by Pegasystems in this case.

273. Attached hereto as **Exhibit 272** is a true and correct copy of the document bearing beginning Bates number PEGA00084479 produced by Pegasystems in this case.

274. Attached hereto as **Exhibit 273** is a true and correct copy of excerpts from the transcript of the December 17, 2021 deposition Matthew Adams, as a designee on behalf of Pegasystems, taken pursuant to Fed. R. Civ. P. 30(b)(6) in this case.

275. Attached hereto as **Exhibit 274** is a true and correct copy of the document bearing beginning Bates number PEGA00073983 produced by Pegasystems in this case.

276. Attached hereto as **Exhibit 275** is a true and correct copy of the document bearing beginning Bates number APPN00017525 produced by Appian in this case.

277. Attached hereto as **Exhibit 276** is a true and correct copy of the document bearing beginning Bates number APPN00005535 produced by Appian in this case.

278. Attached hereto as **Exhibit 277** is a true and correct copy of the document bearing beginning Bates number APPN00016274 produced by Appian in this case.

279. Attached hereto as **Exhibit 278** is a true and correct copy of the document bearing beginning Bates number APPN00016040 produced by Appian in this case.

280. Attached hereto as **Exhibit 279** is a true and correct copy of the document bearing beginning Bates number APPN00005892 produced by Appian in this case.

281. Attached hereto as **Exhibit 280** is a true and correct copy of the document bearing beginning Bates number APPN00016246 produced by Appian in this case.

282. Attached hereto as **Exhibit 281** is a true and correct copy of the document bearing beginning Bates number APPN00019785 produced by Appian in this case.

283. Attached hereto as **Exhibit 282** is a true and correct copy of the document bearing beginning Bates number APPN00019787 produced by Appian in this case.

284. Attached hereto as **Exhibit 283** is a true and correct copy of the document bearing beginning Bates number APPN00005566 produced by Appian in this case.

285. Attached hereto as **Exhibit 284** is a true and correct copy of the document bearing beginning Bates number APPN00019800 produced by Appian in this case.

286. Attached hereto as **Exhibit 285** is a true and correct copy of the document bearing beginning Bates number APPN00005585 produced by Appian in this case.

287. Attached hereto as **Exhibit 286** is a true and correct copy of the document bearing beginning Bates number APPN00020071 produced by Appian in this case.

288. Attached hereto as **Exhibit 287** is a true and correct copy of the document bearing beginning Bates number APPN00005556 produced by Appian in this case.

289. Attached hereto as **Exhibit 288** is a true and correct copy of the document bearing beginning Bates number PEGA00104926 produced by Pegasystems in this case.

290. Attached hereto as **Exhibit 289** is a true and correct copy of the document bearing beginning Bates number APPN00019721 produced by Appian in this case.

291. Attached hereto as **Exhibit 290** is a true and correct copy of the document bearing beginning Bates number APPN00019723 produced by Appian in this case.

292. Attached hereto as **Exhibit 291** is a true and correct copy of the document bearing beginning Bates number APPN00020105 produced by Appian in this case.

293. Attached hereto as **Exhibit 292** is a true and correct copy of the document bearing beginning Bates number APPN00005594 produced by Appian in this case.

294. Attached hereto as **Exhibit 293** is a true and correct copy of the document bearing beginning Bates number APPN00005597 produced by Appian in this case.

295. Attached hereto as **Exhibit 294** is a true and correct copy of the document bearing beginning Bates number APPN00005600 produced by Appian in this case.

296. Attached hereto as **Exhibit 295** is a true and correct copy of the document bearing beginning Bates number APPN00005602 produced by Appian in this case.

297. Attached hereto as **Exhibit 296** is a true and correct copy of the document bearing beginning Bates number APPN00005615 produced by Appian in this case.

298. Attached hereto as **Exhibit 297** is a true and correct copy of the document bearing beginning Bates number APPN00016470 produced by Appian in this case.

299. Attached hereto as **Exhibit 298** is a true and correct copy of the document bearing beginning Bates number APPN00020106 produced by Appian in this case.

300. Attached hereto as **Exhibit 299** is a true and correct copy of the document bearing beginning Bates number APPN00128278 produced by Appian in this case.

301. Attached hereto as **Exhibit 300** is a true and correct copy of the document bearing beginning Bates number APPN00128276 produced by Appian in this case.

302. Attached hereto as **Exhibit 301** is a true and correct copy of the document bearing beginning Bates number APPN00128285 produced by Appian in this case.

303. Attached hereto as **Exhibit 302** is a true and correct copy of the document bearing beginning Bates number APPN00128300 produced by Appian in this case.

304. Attached hereto as **Exhibit 303** is a true and correct copy of the document bearing beginning Bates number APPN00128302 produced by Appian in this case.

305. Attached hereto as **Exhibit 304** is a true and correct copy of the document bearing beginning Bates number APPN00128307 produced by Appian in this case.

306. Attached hereto as **Exhibit 305** is a true and correct copy of the document bearing beginning Bates number APPN00128312 produced by Appian in this case.

307. Attached hereto as **Exhibit 306** is a true and correct copy of the document bearing beginning Bates number APPN00128534 produced by Appian in this case.

308. Attached hereto as **Exhibit 307** is a true and correct copy of the document bearing beginning Bates number APPN00019935 produced by Appian in this case.

309. Attached hereto as **Exhibit 308** is a true and correct copy of the document bearing beginning Bates number PEGA00065280 produced by Pegasystems in this case.

310. Attached hereto as **Exhibit 309** is a true and correct copy of the document bearing beginning Bates number PEGA00065288 produced by Pegasystems in this case.

311. Attached hereto as **Exhibit 310** is a true and correct copy of the document bearing beginning Bates number CATON-MA-FED00006500 produced in this case.

312. Attached hereto as **Exhibit 311** is a true and correct copy of the document bearing beginning Bates number PEGA00009813 produced by Pegasystems in this case.

313. Attached hereto as **Exhibit 312** is a true and correct copy of the document bearing beginning Bates number PEGA00009885 produced by Pegasystems in this case.

314. Attached hereto as **Exhibit 313** is a true and correct copy of the document bearing beginning Bates number APPN00021718 produced by Appian in this case.

315. Attached hereto as **Exhibit 314** is a true and correct copy of the document bearing beginning Bates number APPN00021726 produced by Appian in this case.

316. Attached hereto as **Exhibit 315** is a true and correct copy of the document bearing beginning Bates number PEGA00073847 produced by Pegasystems in this case.

317. Attached hereto as **Exhibit 316** is a true and correct copy of the document bearing beginning Bates number GNW0290 produced in this case.

318. Attached hereto as **Exhibit 317** is a true and correct copy of the document bearing beginning Bates number GNW0137 produced in this case.

319. Attached hereto as **Exhibit 318** is a true and correct copy of the document bearing beginning Bates number GNW0009 produced in this case.

320. Attached hereto as **Exhibit 319** is a true and correct copy of the document bearing beginning Bates number PEGA00083032 produced by Pegasystems in this case.

321. Attached hereto as **Exhibit 320** is a true and correct copy of excerpts from transcript of the December 15, 2021 deposition of Rew Dickinson in this case.

322. Attached hereto as **Exhibit 321** is a true and correct copy of the document bearing beginning Bates number PEGA00107426 produced by Pegasystems in this case.

323. Attached hereto as **Exhibit 322** is a true and correct copy of the document bearing beginning Bates number APPN00022261 produced by Appian in this case.

324. Attached hereto as **Exhibit 323** is a true and correct copy of the document bearing beginning Bates number PEGA00003031 produced by Pegasystems in this case.

325. Attached hereto as **Exhibit 324** is a true and correct copy of the document bearing beginning Bates number PEGA00085274 produced by Pegasystems in this case.

326. Attached hereto as **Exhibit 325** is a true and correct copy of the document bearing beginning Bates number APPN00021411 produced by Appian in this case.

327. Attached hereto as **Exhibit 326** is a true and correct copy of the document bearing beginning Bates number APPN00021409 produced by Appian in this case.

328. Attached hereto as **Exhibit 327** is a true and correct copy of the document bearing beginning Bates number PEGA00107374 produced by Pegasystems in this case.

329. Attached hereto as **Exhibit 328** is a true and correct copy of the document bearing beginning Bates number PEGA00083402 produced by Pegasystems in this case.

330. Attached hereto as **Exhibit 329** is a true and correct copy of the document bearing beginning Bates number PEGA00074854 produced by Pegasystems in this case.

331. Attached hereto as **Exhibit 330** is a true and correct copy of the document bearing beginning Bates number PEGA00074853 produced by Pegasystems in this case.

332. Attached hereto as **Exhibit 331** is a true and correct copy of the document bearing beginning Bates number PEGA00011360 produced by Pegasystems in this case.

333. Attached hereto as **Exhibit 332** is a true and correct copy of the document bearing beginning Bates number PEGA00011493 produced by Pegasystems in this case.

334. Attached hereto as **Exhibit 333** is a true and correct copy of the document bearing beginning Bates number APPN00005548 produced by Appian in this case.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct.

Dated: New York, New York
May 6, 2022

/s/ Adeel A. Mangi
Adeel A. Mangi

CERTIFICATE OF SERVICE

I, Adeel A. Mangi, hereby certify that this document filed through the ECF system will be sent electronically to the registered participants as identified on the Notice of Electronic Filing (NEF).

/s/ Adeel A. Mangi
Adeel A. Mangi